

Official Undergraduate
News Organ of
Massachusetts Institute
of Technology



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CAMBRIDGE, MASS., WEDNESDAY, FEBRUARY 10, 1932

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PROFESSOR BREED RECOGNIZED WITH NATIONAL HONORS

Supreme Council of Chi Epsilon
Elects Him to Honorary
Membership

ONE OF THREE IN COUNTRY

National recognition of his standing in the profession was recently accorded Professor Charles B. Breed, professor of Railway and Highway Transportation in the department of Civil and Sanitary Engineering at the Institute. The unexpected honor came in the form of election as an honorary member of the national organization of Chi Epsilon, honorary civil engineering fraternity.

Only two other men, Dean Ketchum, head of the Engineering School at Illinois, and Dean Leland, who holds a corresponding position at the University of Minnesota, have been previously honored with this election. It is the highest honor which the fraternity has at its disposal.

Nominated by Institute Chapter

Professor Breed stated last night that the undergraduate members of the Technology chapter had apparently submitted his name without his knowledge to the Supreme Council, the national governing body. Election followed inspection by the Council of his past record and reputation. The certificate of honorary membership is dated January, 1932.

Chi Epsilon was organized about four years ago as a national fraternity, enrolling high ranking undergraduate students in Civil Engineering at many of the technical schools of the country. As is done in many of the honorary societies, outstanding members of the faculties of the several schools are initiated as honorary members. The other faculty members of the Technology chapter include Professors Charles M. Spofford, head of the department, John B. Babcock, III, and Walter M. Fife.

Machine Unemployment Now Hits Apple Peddlers

Home of several types of inter-graph, a ball-bearing bouncing machine decidedly fascinating, the Institute has taken under its wing another little mechanical marvel—an apple-vending machine—to be exact, two apple-vending machines.

Not that vending machines in themselves are particularly interesting, even to the scientific inquiring mind of the Technology student. Nor are the little glass cages which dispense apples—if a nickel is dropped in the slot—any different from the rest. The whole business is wrapped up in the amazing speed with which science follows the pioneering mind. 'Twas only last winter that apples were sold from a soap box on the corner. Now the earnest student drops his nickel and gets his apple scientifically.

President Lowell Of Harvard To Speak at Dinner

Nearly 600 People Will Attend
Annual Dinner-Dance
Of Dormitories

The annual dinner and dance of the students of the Institute dormitories will be held at Walker Memorial Friday evening. The speakers at the dinner, which will begin at 7 o'clock, will include President A. Lawrence Lowell of Harvard University, President Karl T. Compton of Technology, and Professor Robert E. Rogers of the department of English at the Institute.

Preceding the dinner a reception will be held by President and Mrs. Compton, President Lowell, Mrs. James R. Jack, Mrs. Kathryn M. Wiswall, Mrs. Horace S. Ford, and Mrs. Leicester F. Hamilton.

Nearly six hundred students and their friends will attend this annual dormitory party, and there will be dancing after 10 o'clock.

Truck Line Operator Will Address Joint Meeting of Corp. XV and S.A.E.

Mr. Irving Malkin, operator of the M. & M. truck lines which ply between New York, Springfield and Boston, will address a joint dinner meeting of Corporation XV and the Society of Automotive Engineers on the topic of "The Motor Truck." A discussion on the subject will follow.

Tickets for the meeting, which will be held tomorrow night at 6 o'clock in the Faculty Dining Room of Walker Memorial, are 75 cents apiece. They may be obtained at the door. All members of the Faculty and student body are invited to attend.

Expert on Trucks

Speaking as a fully qualified expert on truck transportation, Mr. Malkin will

present the technical needs of truck operators. He maintains that the future of companies manufacturing trucks and truck equipment depends on how well they fulfill these needs.

One of the few men in his field who have determined costs, Mr. Malkin has spoken before the Interstate Commerce Commission on several occasions. Of special interest to the student body is the fact that truck operation can be made very profitable; nevertheless, it has claimed very few well-trained college men.

Roy C. Haeusler '32, president of S. A. E. and secretary of Corporation XV, will preside. Immediately following the dinner meeting, Corporation XV will hold a business meeting.

Unemployed Engineers Offered Free Courses and Lectures at Institute

Engineers and architects who are now unemployed are offered free courses in engineering at the Institute, according to a plan announced by President Karl T. Compton a few days ago.

Twelve courses started yesterday and will continue until May 25. Others will be added if enough applications are received.

All the courses are to be given by members of the Faculty of Technology, and

are offered with the hope that they will be helpful professionally to those engineers and architects who wish to broaden their knowledge in anticipation of future opportunities.

The committee appointed by President Compton to administer these courses consists of Professor Charles F. Park, chairman; Professor Carroll W. Doten, and Registrar Joseph C. MacKinnon.

Christian Association Left Without Leader as President Fails to Return

The Technology Christian Association was left without a president at the opening of this term when Richard R. Hall '32, failed to return to school. A meeting of the Executive Committee will be held

today to decide how his successor will be selected. A new president may be elected or the vice-president, Willis S. Hutchinson '32, may be allowed to act as president until election of new officers in March.

Fossett Succeeds MacKay as President of the Junior Class; Prom Plans are Announced

FREE JUNIOR PROM TICKET RAFFLE TO FOLLOW SIGN-UPS

Richard L. Fossett, '33, New
Chairman, to Conduct
Sign-Up Drive

Richard L. Fossett '33, former vice-president of the Junior Class automatically assumed the duties of chairman of the Junior Prom Committee when he became class president to fill the vacancy created by the absence of former president Robert S. MacKay '33. Fossett has already taken charge of the Committee and will conduct the sign-up campaign.

He announced last night that the arrangements for the Prom will not be completed until the results of the campaign are known. One orchestra has been engaged but if a large number of sign-ups are sold, a second orchestra will be secured. The date for the dance has been definitely set for March 18.

Sign-up Campaign Opens

Featuring a raffle in which some lucky student will receive a free ticket, the sign-up campaign of the Junior Prom opened this morning. Selling started at 10 o'clock and will continue until next Saturday noon. Sign-ups purchased now at \$3.50 will be redeemed during the week of February 23 upon payment of the balance of \$8.50.

One name will be chosen at random from the list of men who have signed up. A free ticket will be presented to the man whose name is drawn and the sign-up fee will be returned. The drawing will be conducted next Wednesday in secret by a prominent Technology man and the result will be announced on February 23.

Sale of tickets will be limited to two hundred and it is expected that only members of the three upper classes will be allowed to purchase sign-ups, as it is customary to exclude freshmen from the Prom.

Tech Boat Club Will Give Dance Saturday

Follows Basketball Game; Hope
To Raise Money for the
Freshman Crew

With the intention of raising money to be used to send the freshman crew to the Poughkeepsie races in the spring, the Tech Boat Club is sponsoring a dance which will follow the basketball game with Lowell Textile next Saturday evening. This dance takes the place of the usual Beaver Key dance.

Dancing will start at 8.30 o'clock to the music of the Technicians Orchestra and will continue until 12 o'clock. Decorations will include one of the regulation shells which will be brought from the boat house for the occasion, a large assortment of Navy and yacht club flags, and many of the winning jerseys which the crews of the Institute have garnered during the years. White "T" sweaters will be worn by the members of the orchestra for the occasion.

Members of the committee in charge of the dance have secured the consent of Mr. Wallace M. Ross, general secretary of the Technology Christian Association, and his wife, Mr. Pennell N. Aborn, employment secretary of the Technology Christian Association and his wife, and Mr. William Haines, coach of crew, and his wife, to act as patrons and patronesses of the dance.



RICHARD L. FOSSETT '33

Announcement of \$500 Scholarship Made Here Today

Award Also Provides for Three
Years Employment After
Graduation

A scholarship of \$500, providing first-year tuition in the department of Building Construction at the Institute, has been established by the New England Branch of the Associated General Contractors of America, Leonard C. Wason, chairman of its educational committee, announced today.

In addition to full tuition for the first year, the scholarship also provides employment for the student by a member of the Association for a period of three years after his graduation with the degree of Bachelor of Science in Building Construction.

Establishment of the scholarship, which will be awarded annually for five years beginning next fall, was made in the belief that specially trained engineers of exceptional ability will have a marked effect upon the future of the building industry by improving methods and reducing waste.

Special Questionnaires Available

Applications for the new scholarship must be made to the department of Building Construction at Technology before May 2 each year. Students will be supplied with a special questionnaire covering character, education, and personal background. Applicants will be required to pass the College Entrance Board examinations, and the 25 with the highest standing will then be notified to present themselves at Technology for a special examination, in which the winner of the scholarship will be chosen.

In commenting upon the great value of this scholarship, Professor Ross F. Tucker, in charge of the Building Construction Course at Technology, said:

"The building industry today stands on the threshold of an era of change. Building is primarily and fundamentally the art of using materials with the greatest efficiency and greatest economy. The modern builder, to measure up to the demands of our times, must have a profound knowledge of the science of materials, must be an able administrator, and an engineer of the highest professional attainments."

TRACK MANAGER BECOMES LEADER OF CLASS OF '33

May be Required to Drop Some
Activity Under Points
System Rule

MAY RELINQUISH OFFICE

Richard L. Fossett '33, automatically succeeds Robert G. MacKay '33, who did not return to school this term, as president of the Junior Class, according to a statement made late last night by Donald B. Gilman '32, president of the Institute Committee. Fossett, who is also manager of the track team, now has more activity points than are allowed by the constitution of the Technology Undergraduate Association.

The constitution states that no person may have more than ten points unless he is given special permission to do so. Although the belief is current that the Institute Committee will move to allow him to carry his extra points there is a possibility that the constitution will be enforced. The Committee has a regularly scheduled meeting on next Thursday, when, in all probability, the question will be brought up for discussion and decision.

Further provision of the constitution makes it impossible for a man to resign from an elective office to accept a subsequent position. Whether or not this clause will have any bearing whatever upon the case will depend upon the interpretation placed on the article by the Committee.

It may be that Fossett will have to resign either the class presidency or the track managership. Late last night he would not make any statement as to his possible decision. Fossett, who was a member of the Junior Prom Committee becomes ex officio chairman of that body, and is now running the sign-up campaign which opened today. He is a member of Delta Upsilon and of the Beaver Key Society. He was one of the few students at Technology to be elected to Tau Beta Pi in his Junior year.

Freshman Publishes Mathematical Brain- Storm in New T.E.N.

Article for "Job-seekers" in
South America Featured
In Magazine

February's issue of the *Tech Engineering News*, which will appear on Wednesday February 17, brings out a startling article entitled "Geometry of the Fourth Dimension." This essay is the brain-child of Charles S. Sutton '35, a mathematically gifted freshman at the Institute, and has been verified for its accuracy by the Mathematics Department.

Another article called "Opportunities in the Argentine," by C. T. Brady, general manager of the United States Steel Corporation at Buenos Aires and former president of the American Chamber of Commerce in the Argentine, is featured by the magazine. The issue is replete with unusual illustrations of which the front-piece, showing an ancient windmill, is of especial merit.

Rounding out the issue, which is the first of Volume XIII, are articles on weld-

(Continued on page four)

JUNIOR PROM SIGN-UPS COMMENCE TODAY

A Record
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of M. I. T.

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NEW MEN — TIME-PROVED POLICY

EVERY year as staff members of THE TECH approach the end of their Institute careers, they place their responsibilities and duties on the shoulders of younger men who have been working under them, and every year these new men carry on in the best way they know. As new men take charge there are always certain small changes, the stand of the publication may be altered in small ways, but always there remains the general news and editorial policy upon which THE TECH was founded over half a century ago and which has served during the years.

Constantly backing student activities and undergraduate functions and making for a more unified student body, THE TECH has enjoyed a certain measure of success since its organization. Both the news and the editorial columns have been maintained to further the best interests of Technology, and this policy shall be continued.

Recognizing the fact that the time available for preparing a publication is more limited at Technology than at schools of a different type, the staff of THE TECH will endeavor to supply all important news to the undergraduate body, to present this news as rapidly as possible, and to make the columns of the paper interesting.

The editorial policy shall be one of frankness. On questions of importance to the student body, THE TECH will take a stand and definitely express an opinion, trying always to make the opinion that of the student group. While questions of an Institute nature will occupy the predominating position in editorial comment, it is our endeavor to express the college man's viewpoint on matters of more interest to the nation at large.

THE TECH welcomes expressions of student opinion, whether or not they agree with that expressed editorially. This publication has always welcomed such expressions, and the present staff carries on.

All editorial comment and opinions on Institute activities will be those of THE TECH and not those of individuals; with its long record of years behind it, THE TECH has always expressed the opinions of the publication and not that of a single writer.

Impartiality shall govern everything that appears in these columns. Personal relations shall not be allowed to influence opinions expressed, for the opinions are those of THE TECH, which knows no partiality.

RECOGNIZING A NEED

FOLLOWING a vigorous campaign conducted two years ago to encourage student organizations to make use of the facilities of Walker Memorial, Technology students responded to such an extent that probably the majority of Technology social functions are now held at this student center on the Institute grounds. To be assured of this fact one has only to observe the bulletin boards in the lobby announcing the meetings scheduled for each week.

For a considerable time students, Faculty, and members of the Administration have realized that conditions at Walker are frequently crowded and that enlargement of the facilities is in order. It remained for President Compton in his letter to the Alumni on the occasion of the annual Alumni Association dinner to forcefully bring the fact to the fore again.

In enumerating the needs of the Institute at the present time, he said that there were so many needs that he would restrict himself to those most pressing. Dividing these needs into three groups he spoke first of those connected with life at the Institute, and of the four mentioned under this heading he placed first the need for enlarged quarters at Walker Memorial. "There is no doubt but that the outstanding need of the Institute in the minds of the students and for their social welfare is an extension to the Walker Memorial," he wrote.

This statement calls attention to a need which has existed for some time and at a time when there has been little agitation for the enlarged Walker Memorial reminds students and Alumni alike that the need is still pressing and that at the earliest possible time something should be done to remedy the present crowded conditions at the building.

Dr. Compton Speaks on Changing Technology Admission Standards

Van de Graaff's Generator and Geiger Counter Seen at Alumni Dinner

Speeches by Dr. Karl T. Compton, president of the Institute, Dr. Allan W. Rowe '01, chairman of the Alumni Advisory Committee on Athletics, and a demonstration of two recent research devices featured the annual banquet of the Technology Alumni at the Statler Hotel last Saturday night.

"The Educational Policies of M. I. T." was the subject of Dr. Compton's address. He called attention to the fact that a committee of the Faculty is engaged in a study of the curriculum, to determine whether it is advisable to make a sweeping rearrangement of the departmental and course organization, or to make only minor changes.

Contemplate New Standards

In regard to the present standards of admission of the Institute, Dr. Compton said, "It is possible that new elements in the situation may make it advisable to introduce modifications in our plan of admission. It is becoming increasingly evident that the College Entrance Board plan of admission is essentially an Atlantic seaboard affair, and that the high schools and preparatory schools of the great section of the country west of the Alleghenies not only do not encourage their students to take these examinations, but

in many cases definitely advise them against it. All these situations suggest that we might advantageously modify our plan of admissions."

Dr. Rowe discussed the athletic policies of the Institute, commenting on the fact that there are no football and baseball teams at Technology.

Generator Demonstrated

Dr. Robert van de Graaff's 1,500,000-volt generator was demonstrated by Professor Vannevar Bush '16, of the Electrical Engineering Department. The fact was emphasized that in spite of the enormous voltage, the low-power output makes the device unsuitable for commercial use. The machine will be used for experimental research.

Much more noise was made by the Geiger Counter, used in detection of atoms and electrons, than by the huge generator. The Geiger Counter emits sounds reminiscent of machine-gun fire when a stream of atoms strikes the tube that is the heart of the apparatus.

Study Cosmic Rays on World Trip

It was sensitive to the ultra-violet rays in the flame of a match held twenty feet away and the rays produced by a sun lamp in the balcony of the banquet hall.

Dr. Arthur H. Compton, brother of the president of the Institute, will take the Geiger Counter around the world to test the presence of cosmic rays, to which the instrument is sensitive.

Health Education In Boston will be Subject of Survey

First to be Conducted in Large City will be Carried Out By Miss Parsons

The first comprehensive survey of health education activities in the city of Boston is being undertaken by Miss Ruth I. Parsons, research assistant in the department of Biology and Public Health at the Institute, under the auspices of the Boston Health League.

This study, believed the first of its kind ever attempted in a large city, will include the activities of the Boston Health Department; public, private, and parochial schools; city medical institutions; private agencies, and commercial groups.

To Strengthen Health Education

The survey aims to determine what groups are carrying on work in health education in Boston, and the quantity, quality, and adequacy of that work. On the basis of these facts, it is believed, constructive suggestions may be made for strengthening the city's present health education program.

This work will be carried on under the supervision of the Health Education Committee of the Boston Health League.

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As We See the MOVIES

R.K.O. KEITH-BOSTON

As a fitting close to the pre-Lenten season, the Boston this week gives us an excellent vaudeville program in the persons of Horace Heidt and his Californians. These Californians are extremely talented young men; all of them play both the violin and the trumpet, and several play the piano, and various other instruments.

Their playing, though good, was not any better than that of any one of a dozen other popular bands; it was the extra entertainment that made the program. There was a skating dance by the drummer under a flickering spotlight; pleasing to the mind but hard on the eyes. There was a pony ballet by the ensemble, reminiscent of Tech Show, but much better done, though intended as a burlesque. Last, but by no means least, was Pansy, the trained horse. She must be seen to be appreciated. With various and sundry dialogues and stunts, Mr. Heidt has arranged an unusually good program.

As for the rest of the vaudeville, there was a novel and well done acrobatic bicycle act, and a young woman who danced well and carried on an extremely inane chatter with her partner.

The picture was very ordinary, being another variant of the overworked news-

paper-gangster theme, with a little less plot than usual. We suppose that the stage and screen are incapable of simultaneous excellence, even in the Boston.

C. W. S.

R.K.O. KEITH'S

"Murders in the Rue Morgue"

This piece has been reviewed as better than two of the recent batch of thrillers, which the present reviewer considered good, but in spite of this he persists in believing that Poe's original story was much more capable of reaching home than this tepid rehash.

Most fetching among the actors, was the ape, whose part was better done than any other ape on the screen. Dr. Miracle was well done, in the accepted style, and the sweetheart of the murdered girl was convincing. Aside from the weak spots in the acting, the story was entirely rearranged, for apparently no reason at all, the result was poorly adapted for the screen, and the dialogue, made as innocuous as possible.

H. R. P.



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A Message from the Dean

January 29, 1932.

To the Class of 1935:

The question as to whether students at the Institute can successfully carry scholastic work and at the same time engage in undergraduate activities is best answered by the experience of over six hundred men who participated in undergraduate activities in Technology during 1930-31.

In the tabulation published adjacently it is shown that students engaged in athletics, publications, and other activities last year averaged in scholarship considerably higher than the general average of the undergraduate body.

The freshman who has completed with success the academic work of the first term should not overlook the opportunity of now undertaking activity work for it is apparent that participation in activities is by no means inconsistent with the maintenance of satisfactory scholastic standing at Technology.

H. E. LOBDELL,
Dean.

COMPARATIVE SCHOLASTIC STANDINGS OF UNDERGRADUATE GROUPS BASED ON JUNE, 1931, RATINGS		Average	
Average			
1. Tau Beta Pi.....	3.798	23. Phi Mu Alpha.....	3.135
2. T. B. N. Manager.....	3.651	24. ALL UNDERGRADUATES.....	3.077
3. Varsity Sports Captain.....	3.49	25. Alpha Omega Epsilon.....	3.08
4. Business Management.....	3.49	26. Waveren of the T.....	3.08
5. Officers Combined.....	3.47	27. Kappa Sigma.....	3.07
6. Professional Societies.....	3.45	28. Delta Kappa Epsilon.....	3.07
7. The Tech Staff.....	3.38	29. Adv. of the 129 men or more.....	3.068
8. Institute Committee.....	3.38	30. Alpha Lambda Chi.....	3.04
9. Dormitory Committee.....	3.35	31. Lambda Chi Alpha.....	3.03
10. Technical Management.....	3.35	32. Tech Show Management.....	3.02
11. Architectural Student.....	3.34	33. Chi Phi.....	3.01
12. Sigma Omega Phi.....	3.34	34. Delta Upsilon.....	3.01
13. T. C. A. Cadet.....	3.33	35. Officers of the M.I.T.A.A.....	3.01
14. Phi Beta Delta.....	3.32	36. Delta Tau Delta.....	3.01
15. Phi Beta Delta.....	3.32	37. Phi Gamma Delta.....	3.01
16. Adv. of the 268 men or more.....	3.32	38. Tech Show Case, Glendon Hall.....	3.01
17. Varsity Athletic.....	3.32	39. Adv. of the 677 members of.....	3.01
18. Worcester Varsity Athletic.....	3.32	40. Beta Theta Pi.....	3.01
19. Sigma Alpha Epsilon.....	3.32	41. Alpha Tau Omega.....	3.01
20. Adv. of the 217 men or more.....	3.32	42. Theta Delta Chi.....	3.01
21. Adv. of the 180 men or more.....	3.32	43. Psi Chi.....	3.01
22. Phi Tech Staff.....	3.32	44. Psi Chi.....	3.01
23. Adv. of the 69 men or more.....	3.32	45. Phi Kappa Sigma.....	3.01
24. Activity groups.....	3.32	46. Theta Chi.....	3.01
25. Combined Musical Clubs.....	3.32	47. Phi Kappa.....	3.01
26. Performers.....	3.32	48. Phi Lambda Alpha.....	3.01
27. Sigma Chi.....	3.32	49. Delta Phi.....	3.01
28. Adv. of the 183 men or more.....	3.32	50. Combined Musical Clubs.....	3.01
29. Adv. of the 160 men or more.....	3.32	51. Phi Sigma Kappa.....	3.01
30. Adv. of the 160 men or more.....	3.32	52. Theta Xi.....	3.01
31. Varsity Sports Management.....	3.32	53. Alpha Phi Delta.....	3.01
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93. Adv. of the 595 Dormitory.....	3.32		
94. Adv. of the 595 Dormitory.....	3.32		
95. Adv. of the 595 Dormitory.....	3.32		
96. Adv. of the 595 Dormitory.....	3.32		
97. Adv. of the 595 Dormitory.....	3.32		
98. Adv. of the 595 Dormitory.....	3.32		
99. Adv. of the 595 Dormitory.....	3.32		
100. Adv. of the 595 Dormitory.....	3.32		

Have You an Activity?

OPEN Competition for Junior Board Positions on THE TECH begins this week. Freshmen, Sophomores and Transfers are offered positions in the following Departments: News, Sports, Editorial, Photographic, Business Service, Advertising and Circulation. No experience is necessary. All men interested are urged to drop in and confer with the men in charge of the various departments. The News and Editorial Offices are in Room 3 of Walker Memorial. The Business Office is in Room 302.

Millrose, K. of C. Games Prove Too Stiff for Teams

Team Loses at New York by Unfortunate Accident With Baton

Considered by many frequenters of the Boston Garden one of the most exciting races ever run on that track, the mile relay race engaged in by the "A" team from the Institute along with Boston College, was certainly the feature of the evening. On the Institute team were Al Mulliken, Rees Schwarz, Bill Hall, and Johnny Jewett, the captain, running in that order, with Johnny Jewett as anchor.

At all parts of the race, only a yard or two separated the men on the two teams, and during the last lap, when Jewett was running Dana Smith of Boston College, both men were neck and neck the whole distance, with Smith on the pole. At the straightaways, Jewett didn't have enough reserve to pass Smith, and he finished up, according to another account of the race, only three and three-eighths inches behind the Boston College man.

Second Relay Team Loses

Team "B" for the Institute was slated to meet the first team from the University of Maine, and was rated as being a close second to Maine. The results of the race verified this prediction, and the running was very well done, by both teams.

"Red" Holby, one of the best of the freshmen developed this year, came through in great style in the three-quarter-mile handicap, to take third place with a twenty-yard handicap. At every step of the race, he showed experience and style typical of much more mature runners than himself, and was brainy in his running.

Bell Breaks Dash Record

Dick Bell came into the semi-finals, in the 50-yard dash, setting a new Institute record to do it, and then lost his place in the finals. He took one-fifth of a second off the old record for the event, of five and four-fifths seconds.

After a layoff lasting a week, the same mile relay first team, and Dick Bell for the dashes, journeyed down to Madison Square Garden in New York for the 25th Anniversary Millrose Games, which took place on February 6. The mile relay team competed against Syracuse and Michigan Normal State, taking a third place in one of the hottest races of the games.

Baton Slips

Throughout the race, for the first three quarters of the mile, it looked like Technology's race, and it was generally agreed that Johnny Jewett had the edge on his opponents. Bill Hall was the man running the third leg of Jewett, and was about to pass the baton, when the Syracuse man brushed against him accidentally, and the baton went flying. In recovering it, it is figured that Jewett lost some seventeen yards, but by the end of the race he had made up more than ten of them. Technology was only four feet behind Syracuse, who finished second, and about five yards behind Michigan

State. Had there not been this unfortunate accident the race would undoubtedly have gone to the Engineers.

In the dashes, Dick Bell came up as far as the finals but wasn't able to take a place. His lack of experience in such competition, is said to be the factor most against his winning in the games in which the opposition is of such timber.

This coming Saturday, the teams will enter the B.A.A. games held at the Boston Arena. The mile relay will probably be the feature of the day, with Dartmouth and Princeton entering teams almost perfectly matched with the Engineers.

PSYCHOLOGICAL FAILURE

One of the students at the University of Minnesota received a "B" in every course but one, in which he was graded "F" or failure. The course he failed was a psychology course in "How to Study."

DUELLING UPHELD

The right of university students to engage in "friendly" duelling has been upheld recently by a court in Berlin, thus giving a further setback to those reformers who would banish this custom of German student life.

BEAVER BRAWN

Most important of all sports events at Technology this week is the Olympic fencing competition, an event which the Engineers must enjoy from the spectator's point of view, rather than that of the competitor. It will give all the fencers, a body increasing in number of late, a chance to see the real works.

Other events fade into obscurity by comparison, for our decent basketball team hasn't a real game. The hoopsters are scheduled to meet an indifferent team from Lowell Textile. They should have no great difficulty in taking another victory.

Hockey also has a game this weekend, with Amherst. That is all the space that the Engineers should rate this season. But of notice is the Princeton aggregation, who have been pushing them all over this season, the Beaver team among the others. A successful season to date, but there remains a good chance of an upset in the game with Yale this week.

Old Lady Luck, or whoever it is that has forgotten the Engineer teams, was as usual missing last Saturday evening when their baton went flying after an unfortunate bump by one of the Syracuse runners at the Millrose games in New York. Johnny Jewett was leading the field at the time of the accident but as the result the Beaver relay team came in third, close to both the Michigan State and Syracuse teams. This week follows the important B.A.A. carnival at the Arena. This time the relay team will have an opportunity to come through against stiff competition in the form of Dartmouth and Princeton baton artists.

And still the winter Olympics at Lake Placid occupy the all-important place in sports.

FOOTBALL HUDDLE

Vera Schaffer, the only native German attending Temple, frankly admits that the first time she attended a football game and saw the players huddled together she thought they were offering a prayer in unison.

fine arts STATE THEATRE BUILDING **now!**
THE SENSATION OF HER CAREER!
MARLENE DIETRICH
In **"3 Loves"**
"... Toyed with Life until ..."

Cafe de Paris

An eating place of particular excellence invites your patronage
LUNCHEON 35c. DINNER 50c.
12 Haviland St., Boston Off Massachusetts Avenue Near Boylston Street



"LUCKIES are my standby"

CHIP OFF THE OLD BLOCK

Cash in on Poppa's famous name? Not Douglas Fairbanks, Jr. For months he labored as a five-dollar-a-day "extra." Then he crashed into a part like a brick through a plate-glass window. Doug boxes like a pro, and we don't mean a palooka... he has muscles like a wrestler. When undressing, he hangs his clothes on the chandelier. The box offices like his latest FIRST NATIONAL PICTURE, "UNION DEPOT." Doug has stuck to LUCKIES four years, but didn't slick the makers of LUCKIES anything for his kind words. "You're a brick, Doug."

"LUCKIES are my standby. I buy them exclusively. I've tried practically all brands but LUCKY STRIKES are kind to my throat. And that new improved Cellophane wrapper that opens with a flip of the finger is a ten strike."

Douglas Fairbanks, Jr.

"It's toasted"

Your Throat Protection—against irritation—against cough
And Moisture-Proof Cellophane Keeps that "Toasted" Flavor Ever Fresh

TUNE IN ON LUCKY STRIKE—60 modern minutes with the world's finest dance orchestras and Walter Winchell, whose gossip of today becomes the news of tomorrow, every Tuesday, Thursday and Saturday evening over N. B. C. networks.

Opposite
the new
Waldorf Astoria
Home of the famous swimming pool—
The SHELTON
at 49th and Lexington NEW YORK

When the Shelton opened (7 years ago) we began catering to college men and women. Gradually their patronage has increased; we feel safe in asserting that more students make the Shelton their New York home than at any club or other hotel. One reason for this is the free recreational features plus a desire to serve on the part of Shelton employees. Room rates have been greatly reduced. Rates from \$50 per month upward. A room from \$2.50 daily.

Club features (free to guests) are as follows: Swimming pool; completely equipped gymnasium; game rooms for bridge and backgammon; roof garden and solarium. Restaurant and cafeteria service at reasonable prices.

OFFICIAL BULLETINS OF GENERAL INTEREST

Wednesday, February 10, 3.00 p.m., Room 4-402

Theoretical Seminar for Graduate Students. "Atomic Energy Levels." Professor J. C. Slater.

Thursday, February 11, 4.00 p.m., Room 4-231

Physics Colloquium:

"Scattering of Electrons and Alpha Particles from Light Atoms." Professor P. M. Morse.

Friday, February 12, 3.00 p.m., Room 5-330

Civil Engineering Department

High Masonry Dams

Mr. John L. Savage, Chief Designing Engineer on the Hoover Dam, will lecture on "The Design of High Masonry Dams with Particular Reference to the Hoover Dam."

Friday, February 12, 4.30 p.m., Room 4-270

Lecture

Professor P. Debye

First lecture on X-ray Scattering and Molecular Structure.

C·A·L·E·N·D·A·R

Wednesday, February 10

- 6.00 p.m. — Society of Automotive Engineers dinner meeting in Faculty Dining Room of Walker Memorial.
- 7.00 p.m. — Alpha Phi Delta business meeting in Grill Room of Walker Memorial.
- 8.00 p.m. — Baton Society business meeting in West Lounge of Walker Memorial.

Thursday, February 11

- 1.00 p.m. — Corporation XV dinner meeting in Grill Room of Walker Memorial.
- 5.00 p.m. — Massachusetts Safety Council dinner in North Hall of Walker Memorial.
- 5.00 p.m. — Institute Committee meeting in West Lounge of Walker Memorial.
- 6.00 p.m. — Corporation XV and S.A.E. joint dinner meeting in Faculty Dining Room of Walker Memorial.
- 8.00 p.m. — Olympic Fencing Tryout finals in Walker Memorial Gym.

Friday, February 12

- 7.00 p.m.-4.00 a.m. — Dorm dinner and dance in Main Hall of Walker Memorial.

WRESTLERS TRAIN FOR BROWN MEET

Lost at West Point Last Week
But are Confident of Win
Over Brown

After a defeat suffered at the hands of Army last Saturday to the tune of 26-8, the wrestling teams will begin training today confident of a victory over the Brown teams on the sixteenth of this month. The winners at West Point were Niaza I. Mostafa '33, 155-lbs. substitute for Captain Louis J. Vassalotti '32, who is still out with an injured knee; and Julian J. Klein '33, regular 175-lb. man. Mostafa won by a fall, while Klein was given his match by decision.

Coach Ricks expects that the match with Brown will be a real test for the Institute wrestlers since for the last few years the winner of the meet was decided by a toss-up. The meet with the Bruins last year was the most eventful of any of last season's matches and the final score was Technology 16, Brown 16. However, this year the Institute holds a slight advantage over its adversary. In the meet with Harvard, the Technology wrestlers were defeated 25-5, while Brown lost to Harvard 28-0. And if scores mean anything, Technology should return with a victory on her belt.

"ALICE IN WONDERLAND"

The Governor of Hunan Province, China, according to the Rollins Sandspur, of Rollins College, has forbidden the use of "Alice in Wonderland" in the schools of the province, declaring that it is a method of teaching students untruths. Animals do not speak, he said, and it is wrong to tell children that they do.

SCROLL INITIATES NEW MEMBERS AT BANQUET

Professor Frederick K. Morris of the Geology Department and Mr. Frederick G. Fassett, Jr., of the English Department, were initiated as honorary members of Scroll at a banquet held at the "Ole Plantation" on Saturday, January 16. Wilbur B. Huston '33, Donald G. Fink '33, Charles E. Buchanan '33, Charles E. Fulkerson '33, Herman G. Protze '33 and Edward L. Jones '33 were initiated as active members.

MATHEMATICAL BRAIN- STORM IN NEW T. E. N.

(Continued from page one)

ing, strip-coal mining, and the benefits of an engineering education, together with engineering digests, book reviews, and editorials of high calibre. The most appealing feature from the point of view of a Technology man is, perhaps, the article for prospective "job-hunters" in South America. Mr. Brady is thoroughly acquainted with his subject and writes in an easy, conversational style which should prove satisfactory to his readers.

Infirmiry List

Appledorn, W. R. '33
March, Carlos C. '34
Slade, C. E. '35
Smith, James B. '32

HOTEL KENMORE BARBER SHC

Very Convenient
For Fraternity Men

490 COMMONWEALTH AVENUE
AT KENMORE SQUARE



BOSTON

On a Night Like This
—Before the SHOW
—or at MIDNIGHT

14th
Successive Season
LEO REISMAN'S
ORIGINAL
ORCHESTRA

WED. and THURS. Eve.
Leo Reisman in person

HERE you'll find Boston's most thoroughly enjoyable dinner and supper dance-assemblies—delicious food, delightful music and good company always! Gala programs every Wednesday and Thursday evening with **Leo Reisman, in person, directing.**

Dinners \$1.50-\$2-\$2.50—no couvert. Supper-couvert \$1 every night—no minimum charge.

THE HOTEL BRUNSWICK EGYPTIAN ROOM

Boylston St. at Copley Sq. — Ample Parking

The smoke you like... is the smoke she likes for you!

"I like to see a man smoke a pipe!"
You've heard your own girl say it, perhaps. You're sure to hear it wherever girls get together.



She likes you to smoke a pipe

They puff away at our cigarettes. But they like to see us have a go at the "strong, silent man's smoke"—a companionable, time-proven pipe.

There is something satisfying about a pipe. It's a slow, reflective, hard-thinking smoke—or a calm, relaxing, restful smoke. The hunter's smoke, the fisherman's smoke, the engineer's smoke—a man's smoke, through and through.

And pipe smokers who know their fine tobaccos tell you there's no blend quite like the fine selected burleys of Edgeworth—the favorite tobacco in 42 out of 50 leading colleges.

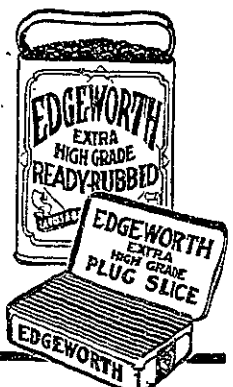
Do try Edgeworth. Perhaps you will like it as well as most men seem to. Edgeworth is at your dealer's. Or send for free sample if you wish. Address Larus & Bro. Co., 105 S. 22d Street, Richmond, Va.



A pipe is satisfying

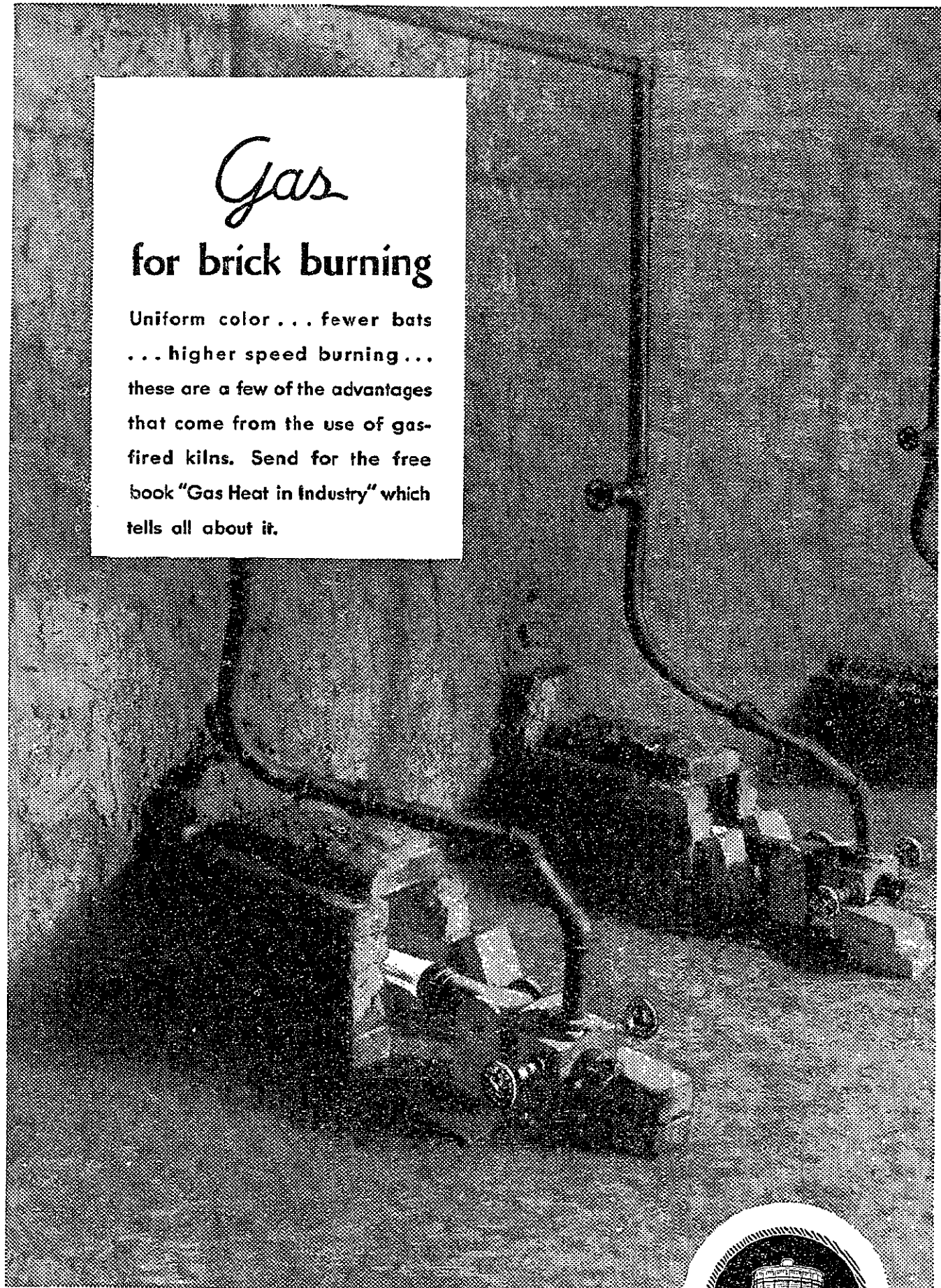
EDGEWORTH SMOKING TOBACCO

Edgeworth is a blend of fine old burleys, with its natural savor enhanced by Edgeworth's distinctive and exclusive eleven-step process. Buy Edgeworth anywhere in two forms—Edgeworth Ready-Rubbed and Edgeworth Plug Slice. All sizes, 15¢ pocket package to \$1.50 pound humidifier tin.



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Uniform color... fewer bats
... higher speed burning...
these are a few of the advantages
that come from the use of gas-fired kilns. Send for the free book "Gas Heat in Industry" which tells all about it.



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